



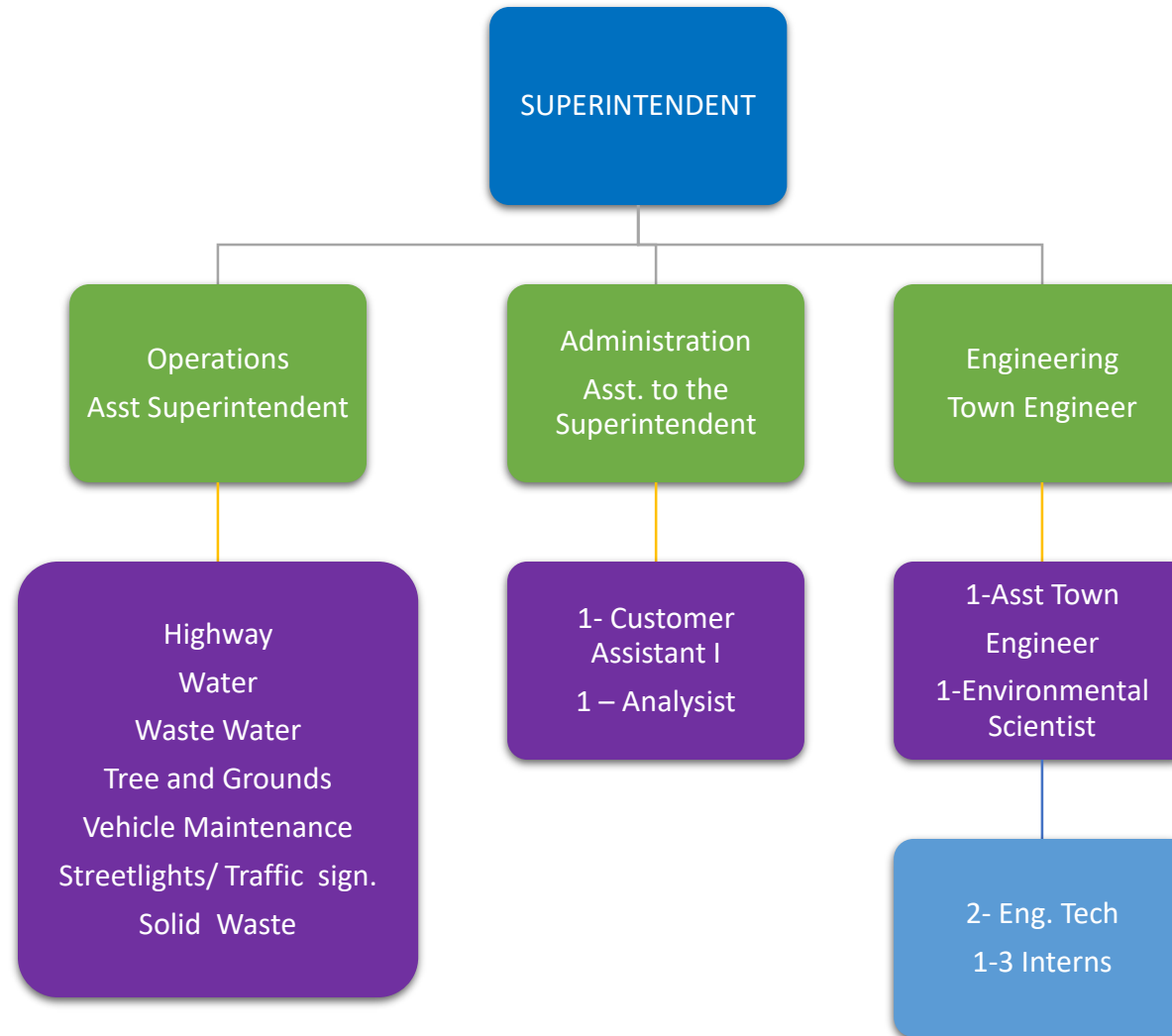
Department of Public Works

- Guilford Mooring, PE
Superintendent
- Amy Rusiecki, PE
Asst. Superintendent Ops.
- Jason Skeels, PE
Town Engineer





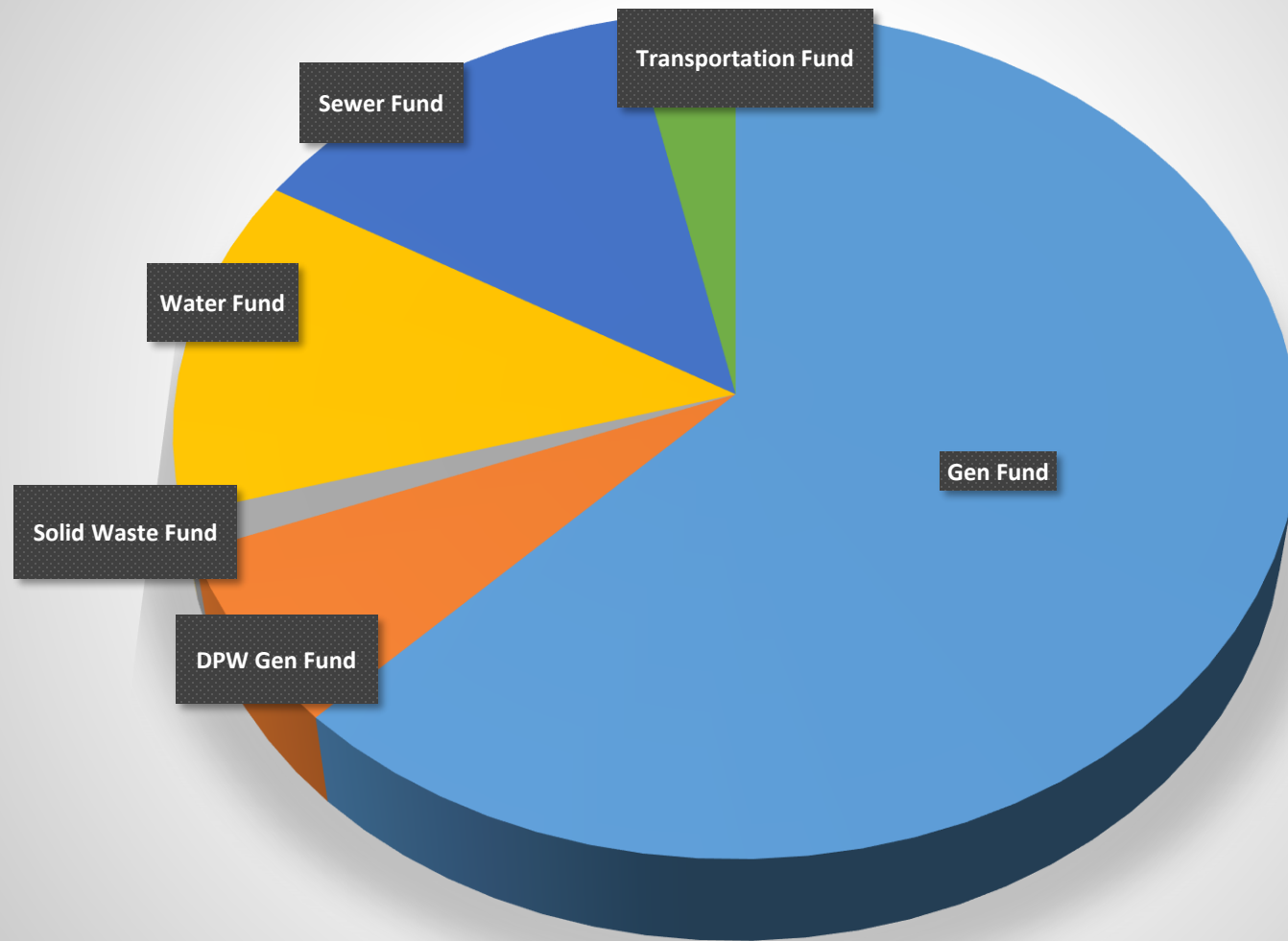
DPW ORG. Chart



DPW Funding (Colors of Money)

Source
General Fund (reg. budget)
Water Fund
Sewer Fund
Solid Waste Fund
Transportation Fund (partial)
Chapter 90 (Grant)
General Fund (capital through the Joint Capital Process)
Other Grants (CDBG, Complete Streets, Mass CEC, Mass Works)
Reimbursements (Schools, Other Communities, Housing authority)

Total Town Budget FY2019 (minus schools)
\$34,394,174



Tree and Grounds Division

- 9 employees Supervised by the Tree Warden/
Director & a Working Foreman maintain:
 - 80 acres of town commons and recreation fields.
 - 20,000 town public shade trees, including planting, removals and pruning.
 - 3 outdoor and 1 indoor pools (soon to be one spray park).
 - 3 cemeteries including burials.
 - Downtown maintenance including trash pickup, minor repairs, and snow removal in parking areas.
 - Sidewalk snow removal.



Highway Division (Construction Maintenance)

- 14 employees maintain
 - 106 miles of roadways.
 - including pothole filling and Vegetation control.
 - Traffic sign maintenance.
 - Street line painting.
 - Parking meter repair and routine maintenance.
 - Snow and ice control.
 - 80 miles of storm drainage repair, replacement and cleaning.
 - 101 miles of sanitary sewers repair, replacement and cleaning.
 - General construction service and support to the DPW and other Town Departments.



Water Division

- 13 employees, Dept of Environmental Protections (DEP) licensed Treatment and Distribution Operators operate our water system in accordance with our DEP approved Water Management Act Permit.
- Produce 2.5 to 4.0 Million Gallons of water a day.
- The System consists of
 - 4 Water reservoirs
 - 3 Water storage tanks
 - 3 Water treatment facilities
 - 5 Water wells
 - 120 mile distribution system



Waste Water Treatment Division

- 12 employees, 4 maintenance personnel and 8 DEP licensed Waste Water Treatment Operators operate our waste water treatment system in accordance with our Environmental Protection Agency (EPA) and DEP approved discharge permits.
 - This work includes routine equipment maintenance.
 - Maintenance at 21 waste water pump stations.
 - Daily lab testing and process monitoring
 - The current treatment facility is a grade 7 treatment plant with a designed 7.1 MGD maximum flow.

Waste Water Treatment Division



Equipment Maintenance Division

- 3 employees, a working foreman and two mechanics
 - Maintain the DPWs 80 vehicles and trailers.
 - Perform minor vehicle repairs, transmission repairs, spring replacement, brake repairs, etc..
 - Repair various small engines and equipment.
 - Do general body repair and welding.
 - Operate a licensed vehicle inspection station performing inspections on all Town and School vehicles.

Solid Waste Division

- 4 employees
 - Operate the Transfer Station in accordance with the Dept of Environmental Protections (DEP) operating permit.
 - There is a Waste Reduction Enforcement Coord. position that is funded by a DEP Grant.
 - Maintain two closed landfills in accordance with DEP permits. This work includes.
 - Ground and surface water monitoring.
 - Landfill gas monitoring and flare operations.
 - Soil and sediment monitoring.
 - Ground maintenance to include mowing and cap repairs.

Street and Traffic Light Division

- 2 Electricians maintain
 - 1160+ street lights, both direct and indirectly metered
 - 14 traffic lights
 - 2 school zones
 - 4 sets of standalone pedestrian signals (Rapid Rectangular Flashing Beacons)
 - General electrical support for everything from installing an outlet to installing generators, electrical motors and sewage pump stations.
 - Provide basic programming services to process control equipment throughout the DPW.



Administration

- 5 employees, primary functions are:
 - Processing Citizen Work Requests (1200)
 - Overall Operations
 - Payroll (Entry, verification and oversight)
 - Permits (driveway, water, sewer, drainage)
 - Contracts (scope preparation and execution)
 - Purchasing
 - Personnel issues (training, testing, interviewing, etc)

Engineering

- 5 employees fill the following positions plus seasonal interns to help monitor contractor work.
 - Town Engineer (BS Civil Engineering, PE)
 - Asst Town Engineer (MS Landscape Architect)
 - Engineering Technician (AS in Civil Engineering)
 - Utility Technician (AS in Environmental Science)
 - Environmental Scientist (BS Civil, MS Environmental, PE)

Engineering

- Prepare plans and specifications for town projects to include:
 - Road repair and improvements
 - Water, sewer and drainage lines.
 - Facility improvements, parking lots, parks, sidewalks.
- Oversee contracted DPW construction projects.
- Supervise consultants used by the town for DPW projects.
- Private project support to Planning, Conservation, ZBA and Site Plan Review process.
- Investigate just about every issue that is called in.
- Support all other Divisions permit requirements.

Engineering

- Current Consultants
 - Tighe and Bond –
 - Dam Inspections and
 - Landfill Environmental
 - Tata and Howard – Water system support
 - Weston and Sampson –
 - DPW building design
 - Enos Cook Fountain survey and repair plans
 - Various Surveyors
 - CDM-Smith -
 - Waste Water Treatment Plant support,
 - Complicated traffic analysis, Design and modeling of intersections.
 - Bridge work, Mill River concept, Station Road
 - Landfill flare issues

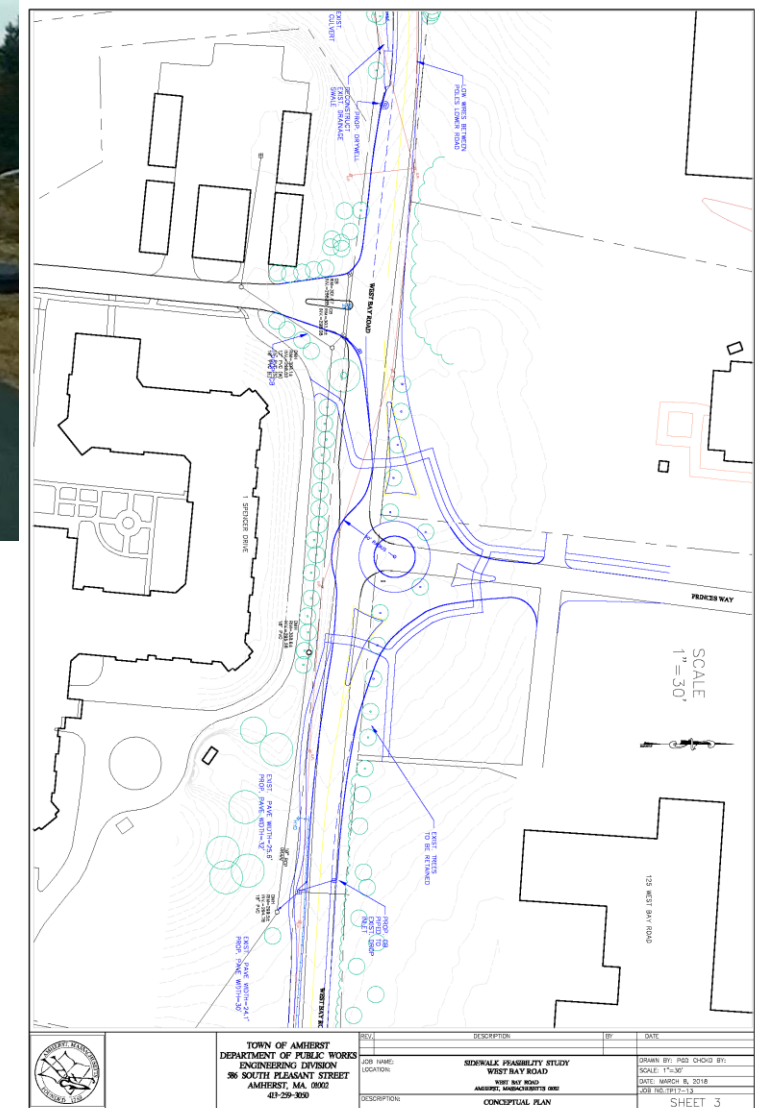
Engineering

- Road repair projects originate from Engineering either through a request that yields project or from the Pavement Management system used.
- Our current pavement management system is StreetScan
- Based on the last scan, our road repair backlog adds up to be \$27,666,560. With Contingencies.



Engineering





Questions ??

